

03-06-02

DATE OF DEPOSIT: 3/5/02

PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	01-EDP-451
First Inventor	DAVID M. TALLMAN
Title	LOW ENERGY PULSING DEVICE AND METHOD FOR ELECTRICAL SYSTEM ARC DETECTION
Express Mail Label No.	ET507565439US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit on original or a duplicate for processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 12]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
- Oath or Declaration [Total Pages 2]
 - Newly executed (original or copy)
 - Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- DELETION OF INVENTOR(S)
Signed statement attached deleting inventors
named in the prior application, see 37 CFR 1.63(g)(2) and 1.33(b)
- Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No. _____ / _____

Prior application information

Examiner: _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label (Bar Code Customer No. x 128014943100000000)	or <input checked="" type="checkbox"/> Correspondence address below			
Name	Martin J. Moran			
Address	Cutler-Hammer Products Technology & Quality Center, 170 Industry Dr., RIDC Park West			
City	Pittsburgh	State	PA	Zip Code
Country	US	Telephone	412.494.3100	Fax
Name (Print/Type)	Kirk D. Houser	Registration No. (Attorney/Agent)	37,357	
Signature				Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

11046 U.S. PTO
10/01/2002

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 740.00)

Complete if Known

Application Number	
Filing Date	Filed Herewith
First Named Inventor	DAVID M. TALLMAN
Examiner Name	
Group Art Unit	
Attorney Docket No.	01-EDP-451

METHOD OF PAYMENT

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number	05-0275
Deposit Account Name	Eaton Corporation

Charge Any Additional Fee Required
Under 37 CFR 1.16-
 Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity
Fee Code (\$)	Fee Code (\$)
101 710	201 355
106 320	201 160
107 490	207 245
108 710	208 355
114 150	214 75

Fee Paid

101 710	201 355
106 320	201 160
107 490	207 245
108 710	208 355
114 150	214 75

SUBTOTAL (1) (\$ 740.00)

2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims	20	0 x 18 = 0.00
Independent Claims	2	3** = 0 x 84 = 0.00
Multiple Dependent		= 0.00

Large Entity	Small Entity
Fee Code (\$)	Fee Code (\$)
103 18	203 9
102 80	202 40
104 270	204 135
109 80	209 40
110 18	210 9

Fee Paid

103 18	203 9
102 80	202 40
104 270	204 135
109 80	209 40
110 18	210 9

SUBTOTAL (2) (\$ 0.00)

*For number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
126 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
131 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or resue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	222 130	Petitions to the Commissioner	
123 130	223 130	Petitions related to provisional applications	
126 180	226 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination or of a design application	

Other fee (specify) _____

SUBTOTAL (3) (\$ 0.00)

*Reduced by Basic Filing Fee Paid

Complete if applicable

Name (Print/Type)	Kirk D. Houser	Registration No. (Attorney/Agent)	37,357	Telephone	412.566.6083
Signature				Date	3/5/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-288.

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